

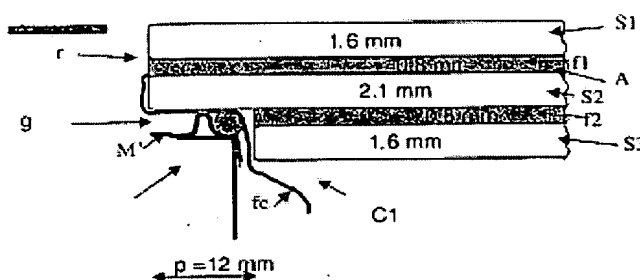
Multi-layer safety glass, e.g. for motor vehicle roof, incorporates fragment-retaining polymer film layer between glass layers

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Abstract of FR2829723

Multi-layer safety glass consists of first and second rigid substrates (S1, S2), a third rigid, semi-rigid or flexible substrate (S3), an active layer (A) between two of the substrates, and a fragment-retaining polymer film (f1, f2) between two of the substrates or forming part of the third substrate. Multi-layer safety glass consists of first and second rigid substrates (S1, S2), a third rigid, semi-rigid or flexible substrate (S3), an active layer (A) between two of the substrates, and a fragment-retaining polymer film (f1, f2) between two of the substrates or forming part of the third substrate. The active layer can be electrically-controlled and have variable optical and/or energy properties such as electrochromic, optical valve, liquid crystal or electroluminescent, e.g. comprising organic light-emitting diodes or polymer light-emitting diodes; it can also have sun-screen or acoustic functions. The layers of the first two substrates (S1, S2) are of glass, while the third (S3) is of glass or a polymer-based material. The glass is designed to meet European standard ECE R43 or US standard ANSI Z26.1.



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